Welcome to STN International! Enter x:x

LOGINID:ssspta1617gmm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America

NEWS 2 "Ask CAS" for self-help around the clock

NEWS 3 SEP 01 INPADOC: New family current-awareness alert (SDI) available

NEWS 4 SEP 01 New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!

NEWS 5 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX

NEWS 6 SEP 27 STANDARDS will no longer be available on STN

NEWS 7 SEP 27 SWETSCAN will no longer be available on STN

NEWS 8 OCT 28 KOREAPAT now available on STN

NEWS 9 NOV 18 Current-awareness alerts, saved answer sets, and current search transcripts to be affected by CERAB, COMPUAB, ELCOM, and SOLIDSTATE reloads

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),

AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

NEWS HOURS STN Operating Hours Plus Help Desk Availability NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items

NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 13:14:57 ON 23 NOV 2004

=> fil reg

FULL ESTIMATED COST

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

0.42 0.42

FILE 'REGISTRY' ENTERED AT 13:16:01 ON 23 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 NOV 2004 HIGHEST RN 786612-66-6 DICTIONARY FILE UPDATES: 22 NOV 2004 HIGHEST RN 786612-66-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when

conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

=>

Uploading C:\Program Files\Stnexp\Queries\09914708exam3.str

```
chain nodes :
11 12 13 14 15 16 17 18 22 23 24
                                       25 26
ring nodes :
1 2 3 4 5 6 7 8
chain bonds :
1-22 4-25 5-24 6-23 7-26 9-11 11-12 12-13 13-14 14-15 15-16 15-18 16-17
ring bonds :
1-2 1-6 2-3 2-10 3-4 3-7
                           4-5 5-6 7-8 8-9 9-10
exact/norm bonds :
2-10 3-7 4-25 7-8 7-26 8-9 9-10 13-14 14-15 15-18
exact bonds :
1-22 5-24 6-23 9-11 11-12 12-13 15-16 16-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
```

G1:C,O,S,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS

L1 STRUCTURE UPLOADED

=> s l1 full

FULL SEARCH INITIATED 13:16:16 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 423 TO ITERATE

100.0% PROCESSED 423 ITERATIONS SEARCH TIME: 00.00.01

55 ANSWERS

L2 55 SEA SSS FUL L1

=> d 1-5, 10, 20, 30, 40, 50-55

L2 ANSWER 1 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN

RN 756878-14-5 REGISTRY

CN 2-Butenamide, 4-(methoxyimino)-N-[(1Z)-3-[(1aS,2Z,4E,12S,13aR)-1a,12,13,13a-tetrahydro-9-hydroxy-10-oxo-10H-oxireno[e][2]benzoxacyclododecin-12-yl]-1-propenyl]-, (2Z,4E)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 12,13-epi-(17Z)-Oximidine III

FS STEREOSEARCH

MF C23 H24 N2 O6

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation)

Absolute stereochemistry. Rotation (+).

Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN

RN 756878-11-2 REGISTRY

CN 2-Butenamide, 4-(methoxyimino)-N-[(1E)-3-[(1aS,2Z,4E,12S,13aR)-1a,12,13,13a-tetrahydro-9-hydroxy-10-oxo-10H-oxireno[e][2]benzoxacyclododecin-12-yl]-1-propenyl]-, (2Z,4E)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 12,13-epi-Oximidine III

FS STEREOSEARCH

MF C23 H24 N2 O6

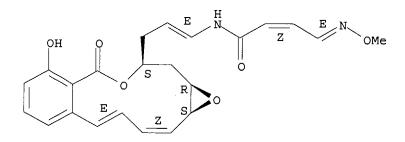
SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation)

Absolute stereochemistry. Rotation (+). Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 3 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 756878-09-8 REGISTRY
- CN 2-Butenamide, 4-(methoxyimino)-N-[(1Z)-3-[(1aR,2Z,4E,12S,13aS)-1a,12,13,13a-tetrahydro-9-hydroxy-10-oxo-10H-oxireno[e][2]benzoxacyclodode

cin-12-yl]-1-propenyl]-, (2Z,4E)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN (17Z)-Oximidine III

FS STEREOSEARCH

MF C23 H24 N2 O6

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation)

Absolute stereochemistry. Rotation (-). Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN

RN 664365-72-4 REGISTRY

CN 2-Butenamide, 4-(methoxyimino)-N-[(1E)-3-[(1aS,3S,10E,12Z,13aR)-1a,2,5,13a-tetrahydro-6-hydroxy-5-oxo-3H-oxireno[e][2]benzoxacyclododecin-3-yl]-1-propenyl]-, (2Z,4E)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Oximidine III

FS STEREOSEARCH

MF C23 H24 N2 O6

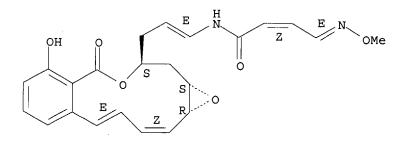
SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PRP (Properties); USES (Uses)

Absolute stereochemistry. Rotation (-). Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 4 REFERENCES IN FILE CA (1907 TO DATE)
- 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 5 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 659738-97-3 REGISTRY
- CN 2-Butenamide, 4,4,4-trifluoro-N-[(1E)-3-[(3S,5R,7R,9S)-3,4,5,6,7,8,9,10-octahydro-7,14-dihydroxy-l-oxo-5,9-epoxy-1H-2-benzoxacyclododecin-3-yl]-1-propenyl]-, (2E)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C22 H24 F3 N O6

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation)

Absolute stereochemistry.

Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 10 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN

RN 659738-89-3 REGISTRY

CN 2-Propenamide, N-[(1E)-3-[(3S,5R,7R,9S)-3,4,5,6,7,8,9,10-octahydro-7,14-dihydroxy-1-oxo-5,9-epoxy-1H-2-benzoxacyclododecin-3-yl]-1-propenyl]-3-phenyl-, (2E)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C27 H29 N O6

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation)

Absolute stereochemistry. Rotation (-). Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 20 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 398478-63-2 REGISTRY
- CN 2,4-Heptadienamide, N-[(1E)-3-[(3S,5R,6S,8E)-5,14-bis[[(1,1-dimethylethyl)dimethylsilyl]oxy]-3,4,5,6,7,10-hexahydro-6-methyl-1-oxo-1H-2-benzoxacyclododecin-3-yl]-1-propenyl]-N-[[[(1E)-3-[(3S,5R,6S,8E)-5,14-bis[[(1,1-dimethylethyl)dimethylsilyl]oxy]-3,4,5,6,7,10-hexahydro-6-methyl-1-oxo-1H-2-benzoxacyclododecin-3-yl]-1-propenyl]amino]carbonyl]-, (2Z)-(9CI) (CA INDEX NAME)
- FS STEREOSEARCH

MF C70 H112 N2 O10 Si4

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATZ, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

Double bond geometry as described by E or Z.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 30 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN

RN 350794-13-7 REGISTRY

CN 2-Pentenamide, N-[(1E)-3-[(3S,5R,6S,8E)-5,14-bis[[(1,1-dimethylethyl)dimethylsilyl]oxy]-3,4,5,6,7,10-hexahydro-6-methyl-1-oxo-1H-2-benzoxacyclododecin-3-yl]-1-propenyl]-, (2Z)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C36 H59 N O5 Si2

SR CA

LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- L2 ANSWER 40 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 325172-45-0 REGISTRY
- CN 2,4-Heptadienamide, N-[(1E)-3-[(3R,5S,6R,8E)-5,14-bis[[(1,1-dimethylethyl)dimethylsilyl]oxy]-3,4,5,6,7,10-hexahydro-6-methyl-1-oxo-1H-2-benzoxacyclododecin-3-yl]-1-propenyl]-, (2Z,4Z)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C38 H61 N O5 Si2
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATZ, USPATFULL
- DT.CA CAplus document type: Journal; Patent
- RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)
- RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 2 REFERENCES IN FILE CA (1907 TO DATE)
- 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 50 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 220271-21-6 REGISTRY
- CN Benzeneacetic acid, α -methoxy- α -(trifluoromethyl)-, (3R,5S,6R,8E)-3,4,5,6,7,10-hexahydro-6-methyl-1-oxo-3-[(2E)-3-[[(2Z,4Z)-1-oxo-2,4-heptadienyl]amino]-2-propenyl]-1H-2-benzoxacyclododecin-5,14-diyl ester, (α S, α 'S)- (9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C46 H47 F6 N O9
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: PREP (Preparation); PRP (Properties)

Absolute stereochemistry.

Double bond geometry as shown.

```
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
```

L2 ANSWER 51 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN RN 220271-20-5 REGISTRY Benzeneacetic acid, α -methoxy- α -(trifluoromethyl)-, CN (3R,5S,6R,8E)-3,4,5,6,7,10-hexahydro-6-methyl-1-oxo-3-[(2E)-3-[[(2Z,4Z)-1oxo-2,4-heptadienyl]amino]-2-propenyl]-1H-2-benzoxacyclododecin-5,14-diyl ester, $(\alpha R, \alpha'R)$ - (9CI) (CA INDEX NAME) FS STEREOSEARCH C46 H47 F6 N O9 MF SR CA LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL DT.CA CAplus document type: Patent RL.P Roles from patents: PREP (Preparation); PRP (Properties)

Absolute stereochemistry.

Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 52 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN

RN 204197-88-6 REGISTRY

CN 2-Butenamide, N-[(1E)-3-[(1aR,11E,13aS)-1a,3,4,6,13,13a-hexahydro-2,7,13-trihydroxy-6-oxo-2H-oxireno[f][2]benzoxacyclododecin-4-yl]-1-propenyl]-4-(methoxyimino)-, (2E)-rel- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

OTHER NAMES:

CN CJ 13357

FS STEREOSEARCH

MF C23 H26 N2 O8

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA CAplus document type: Journal; Patent

RL.P Roles from patents: BIOL (Biological study); USES (Uses)

RL.NP Roles from non-patents: BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PRP (Properties)

Relative stereochemistry.

Double bond geometry as described by E or Z. Currently available stereo shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 2 REFERENCES IN FILE CA (1907 TO DATE)
- 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L2 ANSWER 53 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 204197-87-5 REGISTRY
- CN 2-Butenamide, N-[(1E)-3-[(1aR,11E,13aS)-1a,3,4,6,13,13a-hexahydro-2,7,13-trihydroxy-6-oxo-2H-oxireno[f][2]benzoxacyclododecin-4-yl]-1-propenyl]-4-(methoxyimino)-, (2Z,4E)-rel- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Butenamide, N-[3-(la,3,4,6,13,13a-hexahydro-2,7,13-trihydroxy-6-oxo-2H-oxireno[f][2]benzoxacyclododecin-4-yl)-1-propenyl]-4-(methoxyimino)-, [laR,4[E(2Z,4E)],11E,13aS]-rel-[partial]-

OTHER NAMES:

CN CJ 12950

FS STEREOSEARCH

MF C23 H26 N2 O8

SR CA

LC STN Files: BIOSIS, CA, CAPLUS, TOXCENTER

DT.CA CAplus document type: Journal; Patent

RL.P Roles from patents: BIOL (Biological study); USES (Uses)

RL.NP Roles from non-patents: BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PRP (Properties)

Relative stereochemistry.

Double bond geometry as shown.

Currently available stereo shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 4 REFERENCES IN FILE CA (1907 TO DATE)
- 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
ANSWER 54 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN
L2
RN
     198482-00-7 REGISTRY
     2,4-Heptadienamide, N-[(1Z)-3-[(3S,5R,6S,8E)-3,4,5,6,7,10-hexahydro-5,14-
CN
     dihydroxy-6-methyl-1-oxo-1H-2-benzoxacyclododecin-3-yl]-1-propenyl]-,
     (2Z,4Z)- (9CI) (CA INDEX NAME)
OTHER NAMES:
```

(-)-Salicylihalamide B CN

CN Salicylihalamide B FS STEREOSEARCH

MF C26 H33 N O5

SR

STN Files: LC BIOSIS, CA, CAPLUS, CASREACT, TOXCENTER, USPAT7, USPATFULL DT.CA CAplus document type: Journal; Patent

Roles from patents: BIOL (Biological study); PREP (Preparation); PRP (Properties); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)

RL.NP Roles from non-patents: BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PRP (Properties)

Absolute stereochemistry. Rotation (-). Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 13 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
- 13 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- ANSWER 55 OF 55 REGISTRY COPYRIGHT 2004 ACS on STN L2

RN198481-99-1 REGISTRY

CN 2,4-Heptadienamide, N-[(1E)-3-[(3S,5R,6S,8E)-3,4,5,6,7,10-hexahydro-5,14dihydroxy-6-methyl-1-oxo-1H-2-benzoxacyclododecin-3-yl]-1-propenyl]-, (2Z,4Z) - (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

2,4-Heptadienamide, N-[3-(3,4,5,6,7,10-hexahydro-5,14-dihydroxy-6-methyl-1oxo-1H-2-benzoxacyclododecin-3-yl)-1-propenyl]-, [3S-[3R*[E(2Z,4Z)],5S*,6R*,8E]]-

OTHER NAMES:

CN(-)-Salicylihalamide A

CNSalicylihalamide A

FS STEREOSEARCH

DR 320573-54-4

MF C26 H33 N O5

SR

LC BIOSIS, CA, CAPLUS, CASREACT, TOXCENTER, USPATZ, USPATFULL

DT.CA CAplus document type: Dissertation; Journal; Patent

Roles from patents: BIOL (Biological study); PREP (Preparation); PRP RL.P (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)

RL.NP Roles from non-patents: BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PRP (Properties); USES (Uses)

Absolute stereochemistry. Rotation (-). Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 33 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
- 33 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil medline biosis caplus uspatfull COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY 182.39

SESSION 182.81

FILE 'MEDLINE' ENTERED AT 13:16:57 ON 23 NOV 2004

FILE 'BIOSIS' ENTERED AT 13:16:57 ON 23 NOV 2004 Copyright (c) 2004 The Thomson Corporation.

FILE 'CAPLUS' ENTERED AT 13:16:57 ON 23 NOV 2004 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 13:16:57 ON 23 NOV 2004 CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 12

L3

98 L2

=> dup rem

ENTER L# LIST OR (END):13

PROCESSING COMPLETED FOR L3

L4 77 DUP REM L3 (21 DUPLICATES REMOVED)

=> s 14 and p/dt

 L_5 15 L4 AND P/DT

=> s 14 not 15

1.6 62 L4 NOT L5

=> s 16 and py<2000

2 FILES SEARCHED...

4 L6 AND PY<2000

=> d 1-4

- ANSWER 1 OF 4 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN 1.7
- 1999:144941 BIOSIS AN
- DN PREV199900144941
- Apicularens A and B, new cytostatic macrolides from Chondromyces species TI (Myxobacteria): Production, physico-chemical and biological properties.

- AU Kunze, Brigitte [Reprint author]; Jansen, Rolf; Sasse, Florenz; Hoefle, Gerhard; Reichenbach, Hans
- CS GBF, Gesellschaft Biotechnol. Forschung mbH, Abt. Naturstoffbiol., Mascheroder Weg 1, D-38124 Braunschweig, Germany
- SO Journal of Antibiotics (Tokyo), (Dec., 1998) Vol. 51, No. 12, pp. 1075-1080. print.

 CODEN: JANTAJ. ISSN: 0021-8820.
- DT Article
- LA English
- ED Entered STN: 13 Apr 1999 Last Updated on STN: 13 Apr 1999
- L7 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
- AN 1998:804798 CAPLUS
- DN 130:177226
- TI Oximidines I and II: Novel Antitumor Macrolides from Pseudomonas sp.
- AU Kim, Jin Woo; Shin-ya, Kazuo; Furihata, Kazuo; Hayakawa, Yoichi; Seto, Haruo
- CS Institute of Molecular and Cellular Biosciences, The University of Tokyo, Bunkyo-ku Tokyo, 113-0032, Japan
- SO Journal of Organic Chemistry (1999), 64(1), 153-155 CODEN: JOCEAH; ISSN: 0022-3263
- PB American Chemical Society
- DT Journal
- LA English
- RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT
- L7 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
- AN 1998:70386 CAPLUS
- DN 128:215334
- TI Novel lactone compounds from Mortierella verticillata that induce the human low density lipoprotein receptor gene: fermentation, isolation, structural elucidation and biological activities
- AU Dekker, Koen A.; Aiello, Robert J.; Hirai, Hideo; Inagaki, Taisuke; Sakakibara, Tatsuo; Suzuki, Yumiko; Thompson, John F.; Yamauchi, Yuji; Kojima, Nakao
- CS Central Research Division, Pfizer Pharmaceuticals Inc., Aichi, 470-23, Japan
- SO Journal of Antibiotics (1998), 51(1), 14-20 CODEN: JANTAJ; ISSN: 0021-8820
- PB Japan Antibiotics Research Association
- DT Journal
- LA English
- RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT
- L7 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
- AN 1997:724089 CAPLUS
- DN 127:357126
- TI Salicylihalamides A and B, novel cytotoxic macrolides from the marine sponge Haliclona sp.
- AU Erickson, Karen L.; Beutler, John A.; Cardellina, John H., II; Boyd, Michael R.
- CS Laboratory of Drug Discovery Research and Development Developmental Therapeutics Program Division of Cancer Treatment Diagnosis and Centers, National Cancer Institute-FCRDC, Frederick, MD, MARYLAND, USA
- SO Journal of Organic Chemistry (1997), 62(23), 8188-8192 CODEN: JOCEAH; ISSN: 0022-3263
- PB American Chemical Society
- DT Journal
- LA English

=> log h COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 14.84 197.65

FULL ESTIMATED COST

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

```
LOGINID:ssspta1617qmm
 PASSWORD:
  * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
 SESSION RESUMED IN FILE 'MEDLINE, BIOSIS, CAPLUS, USPATFULL'
 AT 13:25:50 ON 23 NOV 2004
 FILE 'MEDLINE' ENTERED AT 13:25:50 ON 23 NOV 2004
 FILE 'BIOSIS' ENTERED AT 13:25:50 ON 23 NOV 2004
 Copyright (c) 2004 The Thomson Corporation.
 FILE 'CAPLUS' ENTERED AT 13:25:50 ON 23 NOV 2004
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
 FILE 'USPATFULL' ENTERED AT 13:25:50 ON 23 NOV 2004
 CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
 COST IN U.S. DOLLARS
                                                         SINCE FILE
                                                                           TOTAL
                                                              ENTRY
                                                                        SESSION
 FULL ESTIMATED COST
                                                              14.84
                                                                         197.65
 => d l5 1-15
      ANSWER 1 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 L_5
      2004:80497 CAPLUS
 AN
DN
      140:139542
TΤ
      Chondropsin-class antitumor vacuolar ATPase inhibitor compounds,
      compositions, and methods of use
      Boyd, Michael R.; Gustafson, Kirk R.
 IN
      The Government of the United States of America, Represented by the
 PA
      Secretary Dept. of Health and Human Services, USA
SO
      PCT Int. Appl., 54 pp.
      CODEN: PIXXD2
DT
      Patent:
LA
      English
FAN.CNT 1
      PATENT NO.
                           KIND
                                                 APPLICATION NO.
                                    DATE
                                                                           DATE
                            ----
                                    -----
                                                  _______
ΡI
      WO 2004009079
                            A1
                                     20040129
                                                 WO 2003-US23290
                                                                           20030724
          W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
               CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
          RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RD, RI, RD, RD, RD, TD, TG
               BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI US 2002-398092P
                             Ρ
                                    20020724
     MARPAT 140:139542
                THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE.CNT 3
                ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 2 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
L5
     2003:673859 CAPLUS
AN
DN
     139:196373
     New antitumor benzolactone enamide compound manufacture with Pseudomonas
TI
IN
     Nagai, Koji; Arao, Satoko; Hayakawa, Yoichi
PΑ
     Yamanouchi Pharmaceutical Co., Ltd., Japan
SO
     Jpn. Kokai Tokkyo Koho, 8 pp.
     CODEN: JKXXAF
DT
     Patent
LA
     Japanese
```

```
PATENT NO.
                               KIND
                                                     APPLICATION NO.
                                        DATE
                                                                                  DATE
                               ----
                                        -----
                                                       -----
                                                                                   -----
 PΙ
       JP 2003238567
                                A2
                                        20030827
                                                      JP 2002-44975
                                                                                  20020221
 PRAI JP 2002-44975
                                        20020221
       ANSWER 3 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 L5
 AN
       2002:814838 CAPLUS
 DN
       137:304738
       Inhibition of vacuolar proton atpase activity and/or the modulation of
 TΙ
       acidic organelle function sensitizes cells to radiation, chemotherapy and
       biological agents
       Paglin, Shoshana; Yahalom, Joachim; Hollister, Timothy Carl; Delohery,
 IN
       Thomas
 PΑ
       USA
 so
       U.S. Pat. Appl. Publ., 31 pp.
       CODEN: USXXCO
 DT
       Patent
 LA
       English
 FAN.CNT 1
       PATENT NO.
                            KIND DATE
                                                    APPLICATION NO.
                                                                                 DATE
       -----
                              ----
                                       -----
                                                      -----
       US 2002156025 A1 20021024 US 2001-6957 WO 2003047350 A1 20030612 WO 2001-US48845
 PI
                                                      US 2001-6957
WO 2001-US48845
                                                                                20011204
           W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
                                                                                 20011217
                UA, UG, UZ, VN, YU, ZA, ZM, ZW
           RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,
                GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-251153P
                          P
                                   20001204
      US 2001-6957
                                Α
                                       20011204
      ANSWER 4 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
L5
AN
      2002:594647 CAPLUS
DN
      137:145224
      An ATPase inhibitor-containing cosmetic products for the reduction of
TI
      sweat acidity
IN
      Beck, Jonathan Samuel; Burry, Jason Shaun; Evans, Richard Livesey;
      Granger, Dominic; Laprade, Raynald; Marsolais, Mireille
      Unilever PLC, UK; Unilever NV; Hindustan Lever Limited
PA
      PCT Int. Appl., 35 pp.
SO
      CODEN: PIXXD2
DT
      Patent
LA
      English
FAN.CNT 1
      WO 2002060402 A1
      PATENT NO.
                                                   APPLICATION NO.
                                                                                DATE
                                                     -----
PΙ
                                     20020808 WO 2002-EP670
                                                                                20020121
           W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
                CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
                GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
                LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
           PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
                CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
      US 2002146376
                              A1
                                       20021010
                                                   US 2002-66183
      US 6509010
                               B2
                                       20030121
PRAI GB 2001-2562
                               Α
                                       20010201
     MARPAT 137:145224
                 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
                 ALL CITATIONS AVAILABLE IN THE RE FORMAT
```

ANSWER 5 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN

L5

FAN.CNT 1

```
DN
       136:183658
       Synthesis of salicylihalamide and apicularen analogs for pharmaceutical
 ΤI
       use as antitumor agents
 ΙN
       De Brabander, Jef; Wu, Yusheng
 PΑ
       Board of Regents, the University of Texas System, USA
       PCT Int. Appl., 167 pp.
 SO
       CODEN: PIXXD2
 DT
      Patent
 LA
      English
 FAN.CNT 1
      PATENT NO.
                            KIND DATE
                                                  APPLICATION NO.
                         DATE
       ------
                                                   ------
                                                                              _____
                             A2 20020214 WO 2001-US24377
 ΡI
      WO 2002012223
                                                                             20010803
           W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
               RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,
           RO, RO, SD, SE, SG, SI, SR, SD, IO, IM, IR, II, IZ, CA, CG, CZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
               BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
      CA 2417994
                       . AA 20020214
                                                CA 2001-2417994
                                                                       20010803
      AU 2001078152
                                     20020218
                             A5
                                                   AU 2001-78152
                                                                              20010803
                             A2 20030507
                                                EP 2001-956119
      EP 1307439
                                                                             20010803
               AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
                IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
US 66172

JP 2004506620

US 2004063778 A1 20040511

US 6734209 B2 20040511

US 2004171672 A1 20040902

PRAI US 2000-222809P P 20000804

US 2000-252856P P 20001122

2001-922372 A1 20010803

W 20010803

20030418
                                                  US 2001-922372
                                                                              20010803
                                                   JP 2002-518198
                                                                              20010803
                                                   US 2003-418757
                                                                              20030418
                                                  US 2004-790266
                                                                              20040301
OS
      MARPAT 136:183658
L5
      ANSWER 6 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
ΑN
      2002:90049 CAPLUS
DN
      136:145210
TI
      Biologically active macrolide vacuolar-type (H+)-ATPase inhibitors,
      compositions, and therapeutic uses thereof
      Boyd, Michael R.; Gustafson, Kirk R.; Cantrell, Charles L.
IN
      The Government of the United States of America, Represented by the
PA
      Secretary, Department of Health and Human Services, USA
SO
      PCT Int. Appl., 80 pp.
      CODEN: PIXXD2
DT
      Patent
LA
     English
FAN.CNT 1
     PATENT NO.
                           KIND DATE
                                                 APPLICATION NO.
                                                                            DATE
      -----
                           ----
                                    -----
                                                  -----
PΙ
     WO 2002008231
                            A2
                                    20020131
                                                  WO 2001-US23633
                                                                             20010724
     WO 2002008231
                            A3
                                    20020627
              AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
              CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
              GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
              LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
              RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
              UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
          RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
              DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
               BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     CA 2415611
                                    20020131
                             AA
                                                CA 2001-2415611
                                                                           20010724
     AU 2001080834
                             Α5
                                    20020205
                                                  AU 2001-80834
                                                                             20010724
     EP 1303522
                             A2
                                    20030423
                                                 EP 2001-959257
                                                                             20010724
          R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
```

AN

2002:122988 CAPLUS

```
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
      JP 2004504399
                            T2
                                  20040212
                                                JP 2002-514137
                                                                         20010724
      US 2004087566
                                    20040506
                             Α1
                                                US 2003-333710
                                                                         20030611
 PRAI US 2000-220270P
                             Ρ
                                   20000724
      WO 2001-US23633
                             W
                                   20010724
 OS
      MARPAT 136:145210
      ANSWER 7 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 L5
      2000:627976 CAPLUS
 AN
      133:217720
 DN
      Vacuolar-type (H+)-ATPase-inhibiting compounds, compositions, and
 ΤI
      therapeutic uses thereof
 IN
      Boyd, Michael R.
      United States Dept. of Health and Human Services, USA
 PA
 SO
      PCT Int. Appl., 126 pp.
      CODEN: PIXXD2
DT
      Patent
LA
      English
FAN.CNT 1
      PATENT NO.
                          KIND DATE
                                                APPLICATION NO.
                                                                       DATE
      -----
                          ----
                                                -----
                                                                         -----
PΙ
      WO 2000051589
                           A2 20000908
                                                WO 2000-US5582
                                                                         20000303
                           A3 20010712
      WO 2000051589
          W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
              CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
              SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
              AZ, BY, KG, KZ, MD, RU, TJ, TM
          RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
              CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
                           AA 20000908 CA 2000-2366765
A2 20011205 EP 2000-917712
      CA 2366765
                                                                         20000303
      EP 1158976
                                                                        20000303
              AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
              IE, SI, LT, LV, FI, RO
                        T2
      JP 2002538109
                                20021112
                                               JP 2000-602057
                                                                         20000303
PRAI US 1999-122953P
                           P
                                  19990305
     US 1999-169564P
                           P
                                  19991208
     WO 2000-US5582
                           W
                                  20000303
os
     MARPAT 133:217720
     ANSWER 8 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
L5
ΑN
     1999:613904 CAPLUS
DN
     131:227747
TI
     A and B apicularenes
     Reichenbach, Hans; Hofle, Gerhard; Kunze, Brigitte; Jansen, Rolf; Sasse,
IN
     Gesellschaft Fur Biotechnologische Forschung m.b.H, Germany
PΑ
SO
     PCT Int. Appl., 27 pp.
     CODEN: PIXXD2
DT
     Patent
LA
     German
FAN.CNT 1
     PATENT NO.
                         KIND
                                  DATE
                                              APPLICATION NO.
                                                                       DATE
     ------
                                  -----
                                               ------
     WO 9947523
PΤ
                           A1
                                  19990923
                                             WO 1999-EP1770
                                                                        19990317
         W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
              DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
              NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
              UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
              ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
              CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     DE 19811540
                           Α1
                                 19991007
                                            DE 1998-19811540
                                                                        19980317
     AU 9931459
                                  19991011
                                              AU 1999-31459
                                                                        19990317
PRAI DE 1998-19811540
                                 19980317
     DE 1998-19829680
                                  19980703
     WO 1999-EP1770
                                  19990317
```

```
RE.CNT 3
                THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
                ALL CITATIONS AVAILABLE IN THE RE FORMAT
      ANSWER 9 OF 15 CAPLUS COPYRIGHT 2004 ACS on STN
 L5
 AN
      1999:96238 CAPLUS
 DN
      130:177522
 TI
      Macrocyclic lactones, compositions, and methods for preventing and
      treating cancer
      Boyd, Michael R.; McKee, Tawnya C.; Cardellina, John H., II; Beutler, John
 IN
      A.; Erickson, Karen; Galinis, Deborah; Pannell, Lewis
      United States Dept. of Health and Human Services, USA
 PΑ
      PCT Int. Appl., 105 pp.
      CODEN: PIXXD2
 DT
      Patent
 LA
      English
 FAN.CNT 1
      PATENT NO.
                          KIND DATE
                                                APPLICATION NO.
                                                                          DATE
      -----
                           ----
                                    ------
                                                 -----
PΤ
      WO 9905136
                             A1
                                    19990204
                                                 WO 1998-US15011
                                                                          19980723
          W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
          NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
               FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
               CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
      AU 9885015
                             A1
                                    19990216
                                                AU 1998-85015
                                                                           19980723
      AU 740668
                             B2
                                    20011108
      EP 1000053
                             Α1
                                    20000517
                                                 EP 1998-935844
                                                                           19980723
      EP 1000053
                             В1
                                    20040630
              AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
               IE, FI
      JP 2001510838
                             T2
                                    20010807
                                                 JP 2000-504132
                                                                          19980723
      AT 270286
                             Ε
                                    20040715
                                                 AT 1998-935844
                                                                          19980723
      US 6353019
                             В1
                                    20020305
                                                 US 2000-463037
                                                                          20000410
PRAI US 1997-53784P
                            Ρ
                                    19970725
      WO 1998-IS15011
                           W
                                    19980723
      WO 1998-US15011
                            W
                                    19980723
OS
      MARPAT 130:177522
               THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 10 OF 15 USPATFULL on STN
L_5
ΑN
        2004:221900 USPATFULL
        Synthetic salicylihalamides, apicularens and derivatives thereof
TT
IN
        De Brabander, Jef Karel, Lewisville, TX, UNITED STATES
        Wu, Yusheng, Dallas, TX, UNITED STATES
PΙ
        US 2004171672
                          A1 20040902
ΑI
        US 2004-790266
                            Α1
                                  20040301 (10)
       Continuation of Ser. No. US 2003-418757, filed on 18 Apr 2003, GRANTED,
RLI
        Pat. No. US 6734209 Continuation of Ser. No. US 2001-922372, filed on 3
        Aug 2001, GRANTED, Pat. No. US 6617348
PRAI
       US 2000-222809P
                             20000804 (60)
       US 2000-252856P
                              20001122 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 3535
INCL
       INCLM: 514/450.000
       INCLS: 549/269.000
NCL
       NCLM: 514/450.000
       NCLS: 549/269.000
IC
       [7]
       ICM: A61K031-365
       ICS: C07D313-20
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

Biologically active macrolides, compositions, and uses thereof

1.5

ΑN

TI

ANSWER 11 OF 15 USPATFULL on STN

2004:114720 USPATFULL

```
IN
        Boyd, Michael R, Mobile, AL, UNITED STATES
        Gustafson, Kirk R, Frederick, MD, UNITED STATES
        Cantrell, Charles L, Longmont, CO, UNITED STATES
        US 2004087566
 PΙ
                           A1
                                20040506
 ΑI
        US 2003-333710
                           Α1
                                 20030611 (10)
        WO 2001-US23633
                                 20010724
 DT
        Utility
        APPLICATION
 LN.CNT 2732
 INCL
        INCLM: 514/183.000
        INCLS: 514/456.000; 540/456.000
        NCLM: 514/183.000
NCL
        NCLS: 514/456.000; 540/456.000
IC
        [7]
        ICM: C07D491-04
        ICS: A61K031-33
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 12 OF 15 USPATFULL on STN
L_5
        2004:83322 USPATFULL
ΑN
TI
        Synthetic salicylihalamides, apicularens and derivatives thereof
       De Brabander, Jef Karel, Lewisville, TX, UNITED STATES
IN
        Wu, Yusheng, Dallas, TX, UNITED STATES
       US 2004063778
ΡI
                           A1
                                20040401
       US 6734209
                           B2
                                20040511
       US 2003-418757
ΑI
                           A1
                                20030418 (10)
       Continuation of Ser. No. US 2001-922372, filed on 3 Aug 2001, GRANTED,
RLI
       Pat. No. US 6617348
       Utility
DT
FS
       APPLICATION
LN.CNT 3582
       INCLM: 514/450.000
INCL
       INCLS: 549/269.000
NCL
       NCLM: 514/450.000
IC
       [7]
       ICM: A61K031-365
       ICS: C07D313-20
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 13 OF 15 USPATFULL on STN
L_5
       2003:240413 USPATFULL
AN
TТ
       Synthetic salicylihalamides, apicularens and derivatives thereof
IN
       De Brabander, Jef Karel, Lewisville, TX, United States
       Wu, Yusheng, Dallas, TX, United States
PA
       UT Southwestern Medical Center, Dallas, TX, United States (U.S.
       corporation)
       US 6617348
PΙ
                           В1
                                20030909
       US 2001-922372
ΑI
                                20010803 (9)
       US 2000-222809P
PRAI
                            20000804 (60)
       US 2000-252856P
                            20001122 (60)
DT
       Utility
FS
       GRANTED
LN.CNT 3565
INCL
       INCLM: 514/450.000
       INCLS: 549/267.000; 549/270.000
              514/450.000
NCL
       NCLM:
       NCLS:
              549/267.000; 549/270.000
IC
       [7]
       ICM: A61K031-335
EXF
       514/450; 549/267; 549/270
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 14 OF 15 USPATFULL on STN
AN
       2002:265504 USPATFULL
ΤI
       Cosmetic products for the reduction of sweat acidity
IN
       Beck, Jonathan Samuel, Bebington, UNITED KINGDOM
       Burry, Jason Shaun, Bebington, UNITED KINGDOM
       Evans, Richard Livesey, Bebington, UNITED KINGDOM
       Granger, Dominic, Montreal, CANADA
       Laprade, Raynald, Montreal, CANADA
```

```
Marsolais, Mireille, Montreal, CANADA
        Unilever Home & Personal Care USA, Division of Conopco, Inc. (non-U.S.
 PΑ
        corporation)
 PΙ
        US 2002146376
                           A1
                                 20021010
        US 6509010
                           B2
                                 20030121
        US 2002-66183
 AΙ
                           Α1
                                 20020131 (10)
 PRAI
        GB 2001-2562
                           20010201
 DT
        Utility
 FS
        APPLICATION
 LN.CNT 792
 INCL
        INCLM: 424/065.000
        INCLS: 424/400.000; 424/401.000; 514/228.800; 424/452.000; 424/460.000
 NCL
        NCLM: 424/065.000
        NCLS: 424/066.000; 424/068.000; 424/400.000; 424/401.000; 514/228.800;
               514/452.000; 514/460.000
        [7]
 IC
        ICM: A61K007-32
        ICS: A61K007-00; A61K031-535; A61K009-48; A61K009-64
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 15 OF 15 USPATFULL on STN
AN
        2002:45639 USPATFULL
TI
       Macrocyclic lactones, compositions, and methods of use
ΙN
       Boyd, Michael R., Ijamsville, MD, United States
       McKee, Tawnya C., Gaithersburg, MD, United States
        Cardellina, II, John H., Walkersville, MD, United States
        Beutler, John A., Braddock Heights, MD, United States
       Erickson, Karen, N. Oxford, MA, United States
       Galinis, Deborah, Yardley, PA, United States
       Pannell, Lewis, Silver Springs, MD, United States
PΑ
       United States of America as represented by the Department of Health and
       Human Services, Rockville, MD, United States (U.S. government)
PΙ
       US 6353019
                           B1
                                20020305
       WO 9905136 19990204
AΙ
       US 2000-463037
                                20000410 (9)
       WO 1998-IS15011
                                19980723
                                20000410 PCT 371 date
PRAI
       US 1997-53784P
                            19970725 (60)
DT
       Utility
FS
       GRANTED
LN.CNT 2037
INCL
       INCLM: 514/450.000
       INCLS: 549/270.000
NCL
       NCLM: 514/450.000
       NCLS: 549/270.000
IC
       [7]
       ICM: A61K031-335
       ICS: C07D313-06
EXF
       514/450; 549/269; 549/270
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
=> d his
     (FILE 'HOME' ENTERED AT 13:14:57 ON 23 NOV 2004)
     FILE 'REGISTRY' ENTERED AT 13:16:01 ON 23 NOV 2004
L1
                STRUCTURE UPLOADED
L2
             55 S L1 FULL
     FILE 'MEDLINE, BIOSIS, CAPLUS, USPATFULL' ENTERED AT 13:16:57 ON 23 NOV
     2004
L_{1}3
             98 S L2
L4
             77 DUP REM L3 (21 DUPLICATES REMOVED)
L5
             15 S L4 AND P/DT
L6
             62 S L4 NOT L5
L7
              4 S L6 AND PY<2000
=> log h
COST IN U.S. DOLLARS
                                                  SINCE FILE
```

TOTAL

ENTRY SESSION 213.15 30.34

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES STN INTERNATIONAL SESSION SUSPENDED AT 13:26:37 ON 23 NOV 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal617gmm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * Welcome to STN International

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America NEWS 2

"Ask CAS" for self-help around the clock

NEWS 3 SEP 01 INPADOC: New family current-awareness alert (SDI) available NEWS 4 SEP 01 New pricing for the Save Answers for SciFinder Wizard within

STN Express with Discover!

NEWS 5 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX

NEWS 6 SEP 27 STANDARDS will no longer be available on STN

NEWS 7 SEP 27 SWETSCAN will no longer be available on STN

NEWS 8 OCT 28 KOREAPAT now available on STN

NEWS 9 NOV 18 Current-awareness alerts, saved answer sets, and current search transcripts to be affected by CERAB, COMPUAB, ELCOM, and SOLIDSTATE reloads

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS INTER General Internet Information NEWS LOGIN Welcome Banner and News Items

NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:40:34 ON 23 NOV 2004

=> fil req COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21

0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 14:40:43 ON 23 NOV 2004 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 NOV 2004 HIGHEST RN 786612-66-6

DICTIONARY FILE UPDATES: 22 NOV 2004 HIGHEST RN 786612-66-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

```
=> e concanamycin a
E1
              1
                     CONCANALIDE/BI
E2
             43
                     CONCANAMYCIN/BI
EЗ
              0
                --> CONCANAMYCIN A/BI
E4
             44
                     CONCANAVALIN/BI
E5
              7
                     CONCANAVALINE/BI
E6
              2
                     CONCANAVALINS/BI
E7
              3
                     CONCANOL/BI
E8
              3
                     CONCANOLIDE/BI
E9
              2
                     CONCARBOXYL/BI
E10
              1
                     CONCARBOXYLATE/BI
E11
              2
                    CONCARBOXYLIC/BI
E12
              1
                    CONCAST/BI
=> s e2
L1
             43 CONCANAMYCIN/BI
```

=> d l1 43

- L1 ANSWER 43 OF 43 REGISTRY COPYRIGHT 2004 ACS on STN
- RN 80817-41-0 REGISTRY
- CN Oxacyclooctadeca-3,5,13,15-tetraen-2-one, 18-[(1S,2R,3S,5E,7S,8R,9E)-2,8-dihydroxy-1,3,7-trimethyl-4-oxo-5,9-undecadienyl]-9-ethyl-8,10-dihydroxy-3,17-dimethoxy-5,7,11,13-tetramethyl-, (3Z,5E,7R,8R,9S,10S,11R,13E,15E,17S,18R)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

- CN Concanamycin A, 23-0-de[4-0-(aminocarbonyl)-2,6-dideoxy-β-D-arabino-hexopyranosyl]-21,25-deepoxy-22,23-didehydro-21-deoxy-21-oxo-
- CN Oxacyclooctadecane, concanamycin A deriv.
- FS STEREOSEARCH
- MF C39 H62 O9
- LC STN Files: BEILSTEIN*, CA, CAPLUS

(*File contains numerically searchable property data)

- DT.CA CAplus document type: Conference; Journal
- RL.NP Roles from non-patents: PREP (Preparation); PRP (Properties)

Absolute stereochemistry.

Double bond geometry as described by E or Z.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- 3 REFERENCES IN FILE CA (1907 TO DATE)
- 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> 80817-41-0

L2

1 80817-41-0

(80817-41-0/RN)

=> fil medline biosis hcaplus uspatfull

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION 7.25

FULL ESTIMATED COST

7.04

FILE 'MEDLINE' ENTERED AT 14:41:59 ON 23 NOV 2004

FILE 'BIOSIS' ENTERED AT 14:41:59 ON 23 NOV 2004 Copyright (c) 2004 The Thomson Corporation.

FILE 'HCAPLUS' ENTERED AT 14:41:59 ON 23 NOV 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 14:41:59 ON 23 NOV 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 12 or concanamycin

L3 815 L2 OR CONCANAMYCIN

=> s 13 and cancer

1.4 51 L3 AND CANCER

=> s 13 (p) cancer

L5 31 L3 (P) CANCER

=> d 31

 L_5 ANSWER 31 OF 31 USPATFULL on STN

AN 2004:114720 USPATFULL

TI Biologically active macrolides, compositions, and uses thereof

20040506

IN Boyd, Michael R, Mobile, AL, UNITED STATES

Gustafson, Kirk R, Frederick, MD, UNITED STATES Cantrell, Charles L, Longmont, CO, UNITED STATES

PΙ US 2004087566 Α1

ΑI US 2003-333710 Α1 20030611 (10)

WO 2001-US23633 20010724

DT Utility

FS APPLICATION

LN.CNT 2732

INCL INCLM: 514/183.000

INCLS: 514/456.000; 540/456.000

NCL NCLM: 514/183.000

NCLS: 514/456.000; 540/456.000

IC [7] ICM: C07D491-04 ICS: A61K031-33

ED

Entered STN: 20030408

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> dup rem ENTER L# LIST OR (END):15 PROCESSING COMPLETED FOR L5 14 DUP REM L5 (17 DUPLICATES REMOVED) => d 1-14 L6 ANSWER 1 OF 14 USPATFULL on STN AN 2004:114720 USPATFULL ТΤ Biologically active macrolides, compositions, and uses thereof IN Boyd, Michael R, Mobile, AL, UNITED STATES Gustafson, Kirk R, Frederick, MD, UNITED STATES Cantrell, Charles L, Longmont, CO, UNITED STATES PΤ US 2004087566 A1 20040506 AΙ US 2003-333710 A1 20030611 (10) WO 2001-US23633 20010724 DТ Utility FS APPLICATION LN.CNT 2732 INCL INCLM: 514/183.000 INCLS: 514/456.000; 540/456.000 NCL NCLM: 514/183.000 NCLS: 514/456.000; 540/456.000 TC [7] ICM: C07D491-04 ICS: A61K031-33 CAS INDEXING IS AVAILABLE FOR THIS PATENT. ANSWER 2 OF 14 Ь6 MEDLINE on STN DUPLICATE 1 AN MEDLINE 2003517014 DN PubMed ID: 12944415 ŤΙ Identification of a new chondropsin class of antitumor compound that selectively inhibits V-ATPases. Bowman Emma Jean; Gustafson Kirk R; Bowman Barry J; Boyd Michael R AU CS Department of Molecular, Cell, and Developmental Biology, University of California, Santa Cruz, California 95064, USA.. rbowman@biology.ucsc.edu SO Journal of biological chemistry, (2003 Nov 7) 278 (45) 44147-52. Journal code: 2985121R. ISSN: 0021-9258. United States CY Journal; Article; (JOURNAL ARTICLE) DTLA English FS Priority Journals EΜ 200401 ED Entered STN: 20031104 Last Updated on STN: 20040106 Entered Medline: 20040105 L6 ANSWER 3 OF 14 MEDLINE on STN DUPLICATE 2 ΑN 2003161934 MEDLINE DN PubMed ID: 12678782 TТ Novel marine and microbial natural product inhibitors of vacuolar ATPase. ΑIJ Beutler John A; McKee Tawnya C Molecular Targets Discovery Program, Center for Cancer Research, National CS Cancer Institute, NCI-Frederick, Frederick, MD 21702-1201, USA.. manuscripts@mail.ncifcrf.gov Current medicinal chemistry, (2003 May) 10 (9) 787-96. Ref: 78 SO Journal code: 9440157. ISSN: 0929-8673. CYNetherlands DT Journal; Article; (JOURNAL ARTICLE) General Review; (REVIEW) (REVIEW, TUTORIAL) LAEnglish FS Priority Journals EΜ 200401

Last Updated on STN: 20040115 Entered Medline: 20040114

- L6 ANSWER 4 OF 14 MEDLINE on STN
- AN 2002682492 MEDLINE
- DN PubMed ID: 12443768
- Vacuolar-type H(+)-ATPase inhibitory activity of synthetic analogues of the concanamycins: is the hydrogen bond network involving the lactone carbonyl, the hemiacetal hydroxy group, and the C-19 hydroxy group essential for the biological activity of the concanamycins?.

DUPLICATE 3

DUPLICATE 4

DUPLICATE 5

- AU Yoshimoto Yuya; Jyojima Takaaki; Arita Tsuyoshi; Ueda Minoru; Imoto Masaya; Matsumura Shuichi; Toshima Kazunobu
- CS Department of Bioscience and Informatics, Faculty of Science and Technology, Keio University, 3-14-1 Hiyoshi, Kohoku-ku, Yokohama 223-8522, Japan.
- SO Bioorganic & medicinal chemistry letters, (2002 Dec 16) 12 (24) 3525-8. Journal code: 9107377. ISSN: 0960-894X.
- CY England: United Kingdom
- DT Journal; Article; (JOURNAL ARTICLE)
- LA English
- FS Priority Journals
- EM 200307
- ED Entered STN: 20021122 Last Updated on STN: 20030717 Entered Medline: 20030716
- L6 ANSWER 5 OF 14 MEDLINE on STN
- AN 2002399177 MEDLINE
- DN PubMed ID: 12130509
- TI Sperm protein 17 (Sp17) is a suitable target for immunotherapy of multiple myeloma.
- AU Chiriva-Internati Maurizio; Wang Zhiqing; Salati Emanuela; Bumm Klaus; Barlogie Bart; Lim Seah H
- CS Division of Hematology and Oncology, Texas Tech University Health Sciences Center, Amarillo 79106, USA.
- NC CA 88434 (NCI)
- SO Blood, (2002 Aug 1) 100 (3) 961-5. Journal code: 7603509. ISSN: 0006-4971.
- CY United States
- DT Journal; Article; (JOURNAL ARTICLE)
- LA English
- FS Abridged Index Medicus Journals; Priority Journals
- EM 200209
- ED Entered STN: 20020801 Last Updated on STN: 20020907

Entered Medline: 20020906

- L6 ANSWER 6 OF 14 MEDLINE on STN
- AN 2002280194 MEDLINE ON S
- DN PubMed ID: 12020772
- TI Involvement of cytochrome c and caspases in apoptotic cell death of human submandibular gland ductal cells induced by concanamycin A.
- AU Aiko Katsuya; Tsujisawa Toshiyuki; Koseki Takeyoshi; Hashimoto Shinichi; Morimoto Yasuhiro; Amagasa Teruo; Nishihara Tatsuji
- CS Department of Oral Microbiology, Kyushu Dental College, 2-6-1 Manazuru, Kokurakita-ku, Kitakyushu 803-8580, Japan.
- SO Cellular signalling, (2002 Aug) 14 (8) 717-22. Journal code: 8904683. ISSN: 0898-6568.
- CY England: United Kingdom
- DT Journal; Article; (JOURNAL ARTICLE)
- LA English
- FS Priority Journals
- EM 200211
- ED Entered STN: 20020522

Last Updated on STN: 20021211 Entered Medline: 20021115

- L6 ANSWER 7 OF 14 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
- AN 2003:356786 BIOSIS

- DN PREV200300356786
- Sperm Protein 17 (Sp17) as a Tumor Vaccine for Multiple Myeloma. ΤT
- Lim, Seah H. [Reprint Author]; Chiriva-Internati, Maurizio [Reprint ΑU
- Author]; Wang, Zhiqing [Reprint Author]; Salati, Emanuela [Reprint Author] Division of Hematology and Oncology, Texas Tech University Health Sciences CS Center, Amarillo, TX, USA
- Blood, (November 16 2002) Vol. 100, No. 11, pp. Abstract No. 2652. print. SO Meeting Info.: 44th Annual Meeting of the American Society of Hematology. Philadelphia, PA, USA. December 06-10, 2002. American Society of Hematology.
- CODEN: BLOOAW. ISSN: 0006-4971. DTConference; (Meeting)
 - Conference; (Meeting Poster)
 - Conference; Abstract; (Meeting Abstract)
- LΑ English
- ED Entered STN: 6 Aug 2003 Last Updated on STN: 6 Aug 2003
- ANSWER 8 OF 14 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on L6
- AN2003:337261 BIOSIS
- DNPREV200300337261
- Ex Vivo Generation of Genetically Modified Monocyte-Derived Dendritic TICells for Immunotherapy-Implications of Lymphocyte Contamination.
- Chinnasamy, Nachimuthu [Reprint Author]; Chinnasamy, Dhanalakshmi [Reprint ΑU
- Immunotherapy Program, Vince Lombardi Gene Therapy Laboratory, St. Luke's CS Medical Center, Milwaukee, WI, USA
- Blood, (November 16 2002) Vol. 100, No. 11, pp. Abstract No. 2563. print. SO Meeting Info.: 44th Annual Meeting of the American Society of Hematology. Philadelphia, PA, USA. December 06-10, 2002. American Society of Hematology. CODEN: BLOOAW. ISSN: 0006-4971.
- Conference; (Meeting) DT
 - Conference; Abstract; (Meeting Abstract)
- LΑ English
- Entered STN: 23 Jul 2003 ED Last Updated on STN: 23 Jul 2003
- ANSWER 9 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN Lб
- AN2001:752824 HCAPLUS
- DN135:314438
- TIProteolipid subunits of vacuolar H+-ATPase (ATP6F) as tumor antigens, application to cancer therapy, and use of proton pump inhibitor as anticancer agent
- Sato, Nobuo; Suzuki, Nobutaka; Yamaguchi, Masaaki; Yamaguchi, Nobuo; IN Okuma, Katsuji
- PA
- SO Jpn. Kokai Tokkyo Koho, 79 pp. CODEN: JKXXAF
- DT Patent
- LA Japanese
- FAN.CNT 1

ΑN

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | | | | | |
| | JP 2001286284 | A2 | 20011016 | JP 2000-103966 | 20000405 |
| PRAI | JP 2000-103966 | | 20000405 | | |

- L6 ANSWER 10 OF 14
 - MEDLINE on STN
- 2000447195 MEDLINE DN PubMed ID: 10999767
- Perforin-mediated lysis of tumor cells by Mycobacterium bovis Bacillus TICalmette-Guerin-activated killer cells.

DUPLICATE 6

- AU Brandau S; Suttmann H; Riemensberger J; Seitzer U; Arnold J; Durek C; Jocham D; Flad H D; Bohle A
- Department of Immunology and Cell Biology, Research Center Borstel, CS Germany.
- Clinical cancer research : an official journal of the American Association SO for Cancer Research, (2000 Sep) 6 (9) 3729-38. Journal code: 9502500. ISSN: 1078-0432.

```
United States
 CY
 DT
      Journal; Article; (JOURNAL ARTICLE)
 LA
      English
 FS
      Priority Journals
      200102
 EΜ
      Entered STN: 20010322
 ED
      Last Updated on STN: 20010322
      Entered Medline: 20010201
      ANSWER 11 OF 14
 L6
                          MEDLINE on STN
                                                          DUPLICATE 7
      2000446891
 AN
                    MEDLINE
      PubMed ID: 10999463
 DN
      Killing of Fas ligand-resistant renal carcioma cells by interleukin-2- and
 ΤI
      BCG-activated effector cells.
 ΑU
      Brandau S; Suttmann H; Flad H D; Jocham D; Bohle A
      Department of Immunology and Cell Biology, Research Center Borstel,
 CS
      Germany.
      Cancer immunology, immunotherapy: CII, (2000 Sep) 49 (7) 369-76.
 SO
      Journal code: 8605732. ISSN: 0340-7004.
 CY
      GERMANY: Germany, Federal Republic of
DT
      Journal; Article; (JOURNAL ARTICLE)
LA
      English
 FS
      Priority Journals
 EM
      200009
ED
      Entered STN: 20001005
      Last Updated on STN: 20001005
      Entered Medline: 20000927
L6
     ANSWER 12 OF 14
                         MEDLINE on STN
                                                         DUPLICATE 8
     2001078153
ΔN
                    MEDLINE
DN
     PubMed ID: 11096347
TΤ
     Cisplatin induces fas expression in esophageal cancer cell lines and
     enhanced cytotoxicity in combination with LAK cells.
     Matsuzaki I; Suzuki H; Kitamura M; Minamiya Y; Kawai H; Ogawa J
ΑU
     Second Department of Surgery, Akita University School of Medicine, Akita
CS
     City, Japan.
SO
     Oncology, (2000 Nov) 59 (4) 336-43.
     Journal code: 0135054. ISSN: 0030-2414.
CY
     Switzerland
DT
     Journal; Article; (JOURNAL ARTICLE)
LA
     English
FS
     Priority Journals
EΜ
     200101
ED
     Entered STN: 20010322
     Last Updated on STN: 20010322
     Entered Medline: 20010111
L6
     ANSWER 13 OF 14
                         MEDLINE on STN
                                                         DUPLICATE 9
AN
     1998252864
                    MEDLINE
DN
     PubMed ID: 9584137
     Defective acidification in human breast tumor cells and implications for
ΤI
     chemotherapy.
ΑU
     Altan N; Chen Y; Schindler M; Simon S M
     Laboratory of Cellular Biophysics, Rockefeller University, New York 10021,
CS
     USA.
NC
     GM-07739 (NIGMS)
SO
     Journal of experimental medicine, (1998 May 18) 187 (10) 1583-98.
     Journal code: 2985109R. ISSN: 0022-1007.
CY
     United States
DT
     Journal; Article; (JOURNAL ARTICLE)
LA
     English
FS
     Priority Journals
EM
     199806
ED
     Entered STN: 19980618
     Last Updated on STN: 19980618
     Entered Medline: 19980609
L6
     ANSWER 14 OF 14
                         MEDLINE on STN
                                                         DUPLICATE 10
AN
     94266745
                 MEDLINE
```

DN

PubMed ID: 8206870

```
ATP-dependent uptake of anti-neoplastic agents by acidic organelles.
 TΤ
 ΑU
      Moriyama Y; Manabe T; Yoshimori T; Tashiro Y; Futai M
 CS
      Department of Biochemistry and Organic Chemistry, Osaka University.
 SO
      Journal of biochemistry, (1994 Feb) 115 (2) 213-8.
      Journal code: 0376600. ISSN: 0021-924X.
 CY
      Japan
      Journal; Article; (JOURNAL ARTICLE)
 DT
 LA
      English
      Priority Journals
 FS
 EΜ
      199407
      Entered STN: 19940721
 ED
      Last Updated on STN: 19940721
      Entered Medline: 19940712
 => FIL STNGUIDE
COST IN U.S. DOLLARS
                                                   SINCE FILE
                                                                   TOTAL
                                                        ENTRY
                                                                 SESSION
FULL ESTIMATED COST
                                                        13.00
                                                                   20.25
FILE 'STNGUIDE' ENTERED AT 14:43:57 ON 23 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 19, 2004 (20041119/UP).
=> s 14 and p/dt
'DT' IS NOT A VALID FIELD CODE
             0 80817
             1 41
             5 0
             0 80817-41-0
                  (80817(W)41(W)0)
             0 CONCANAMYCIN
             6 CANCER
             0 P/DT
L7
             0 L4 AND P/DT
=> del 17 y
=> s 13 and p/dt
'DT' IS NOT A VALID FIELD CODE
             0 80817
             1 41
             5 0
             0 80817-41-0
                  (80817(W)41(W)0)
             0 CONCANAMYCIN
             0 P/DT
L7
             0 L3 AND P/DT
=> del 17 y
=> fil medline biosis hcaplus uspatfull
COST IN U.S. DOLLARS
                                                  SINCE FILE
                                                                  TOTAL
                                                       ENTRY
                                                                SESSION
FULL ESTIMATED COST
                                                        0.42
                                                                  20.67
FILE 'MEDLINE' ENTERED AT 14:48:26 ON 23 NOV 2004
FILE 'BIOSIS! ENTERED AT 14:48:26 ON 23 NOV 2004
Copyright (c) 2004 The Thomson Corporation.
FILE 'HCAPLUS' ENTERED AT 14:48:26 ON 23 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
```

```
FILE 'USPATFULL' ENTERED AT 14:48:26 ON 23 NOV 2004
 CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
 => s 14 and p/dt
 L7
             19 L4 AND P/DT
 => d 1-19
 L7
      ANSWER 1 OF 19 HCAPLUS COPYRIGHT 2004 ACS on STN
      2004:80497 HCAPLUS
 ΑN
      140:139542
 DN
      Chondropsin-class antitumor vacuolar ATPase inhibitor compounds,
 TΙ
      compositions, and methods of use
 IN
      Boyd, Michael R.; Gustafson, Kirk R.
      The Government of the United States of America, Represented by the
 PΑ
      Secretary Dept. of Health and Human Services, USA
 SO
      PCT Int. Appl., 54 pp.
      CODEN: PIXXD2
 DT
      Patent
LA
      English
FAN.CNT 1
      PATENT NO.
                         KIND DATE
                                            APPLICATION NO.
                      DAIE
                                                                     DATE
      -----
                                             -----
ΡI
      WO 2004009079
                          A1 20040129 WO 2003-US23290
                                                                     20030724
          W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
              CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
              PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
              TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
              KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
              BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI US 2002-398092P
                          Р
                                 20020724
     MARPAT 140:139542
RE.CNT 3
              THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
L7
     ANSWER 2 OF 19 HCAPLUS COPYRIGHT 2004 ACS on STN
AN
     2002:814838 HCAPLUS
DN
     137:304738
     Inhibition of vacuolar proton atpase activity and/or the modulation of
TI
     acidic organelle function sensitizes cells to radiation, chemotherapy and
     biological agents
IN
     Paglin, Shoshana; Yahalom, Joachim; Hollister, Timothy Carl; Delohery,
     Thomas
PA
     USA
SO
     U.S. Pat. Appl. Publ., 31 pp.
     CODEN: USXXCO
DT
     Patent
LΑ
     English
FAN.CNT 1
     PATENT NO.
                         KIND DATE
                                            APPLICATION NO.
                                                                    DATE
     ------
                        ----
                                -----
                                             -----
     US 2002156025
PΙ
                         A1
                                 20021024
                                            US 2001-6957
                                                                     20011204
     WO 2003047350
                         A1
                                            WO 2001-US48845
                                 20030612
                                                                     20011217
         W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, UZ, VN, YU, ZA, ZM, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
             GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,
             GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI US 2000-251153P P
                              20001204
```

US 2001-6957

Α

20011204

```
ANSWER 3 OF 19 HCAPLUS COPYRIGHT 2004 ACS on STN
 L7
 AN
       2002:90049 HCAPLUS
 DN
       136:145210
       Biologically active macrolide vacuolar-type (H+)-ATPase inhibitors,
 TI
       compositions, and therapeutic uses thereof
       Boyd, Michael R.; Gustafson, Kirk R.; Cantrell, Charles L.
 IN
       The Government of the United States of America, Represented by the
 PΑ
       Secretary, Department of Health and Human Services, USA
       PCT Int. Appl., 80 pp.
 SO
       CODEN: PIXXD2
 DT
       Patent
 LΑ
      English
 FAN.CNT 1
      PATENT NO.
                         KIND DATE
                                                APPLICATION NO.
                                                  APPLICATION NO. DATE
       -----
                           ----
      WO 2002008231 A2 20020131 WO 2001-US23633
WO 2002008231 A3 20020627
 ΡI
                                                                          20010724
           W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
               CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
               LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
               UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
          RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
                           AA 20020131 CA 2001-2415611 20010724
A5 20020205 AU 2001-80834 20010724
A2 20030423 EP 2001-959257 20010724
      CA 2415611
      AU 2001080834
      EP 1303522
          R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
      JP 2004504399 T2 20040212 JP 2002-514137 US 2004087566 A1 20040506 US 2003-333710
                                                                          20010724
US 2004087566 A1
PRAI US 2000-220270P P
WO 2001-US23633 W
                                                 US 2003-333710
                                   20040506
                                                                           20030611
                                  20000724
                                   20010724
os
      MARPAT 136:145210
      ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2004 ACS on STN
L7
AN
      2001:752824 HCAPLUS
DN
      135:314438
ΤI
      Proteolipid subunits of vacuolar H+-ATPase (ATP6F) as tumor antigens,
      application to cancer therapy, and use of proton pump inhibitor
      as anticancer agent
      Sato, Nobuo; Suzuki, Nobutaka; Yamaguchi, Masaaki; Yamaguchi, Nobuo;
IN
      Okuma, Katsuji
PA
SO
      Jpn. Kokai Tokkyo Koho, 79 pp.
      CODEN: JKXXAF
DT
      Patent
LA
      Japanese
FAN.CNT 1
      PATENT NO.
                          KIND DATE
                                               APPLICATION NO. DATE
      -----
                                                 -----
                           ----
PΙ
     JP 2001286284
                            A2
                                   20011016
                                                JP 2000-103966
                                                                         20000405
PRAI JP 2000-103966
                                   20000405
     ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2004 ACS on STN
L7
AN
     2000:627976 HCAPLUS
DN
     133:217720
     Vacuolar-type (H+)-ATPase-inhibiting compounds, compositions, and
TI
     therapeutic uses thereof
IN
     Boyd, Michael R.
PΑ
     United States Dept. of Health and Human Services, USA
SO
     PCT Int. Appl., 126 pp.
     CODEN: PIXXD2
DT
     Patent
LA
     English
FAN.CNT 1
     PATENT NO.
                         KIND DATE
                                               APPLICATION NO.
                                                                         DATE
                           ----
                                                -----
```

```
20000908
                                                WO 2000-US5582
                                                                        20000303
       WO 2000051589
                            Α3
                                   20010712
               AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
               CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
               IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
               SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
               AZ, BY, KG, KZ, MD, RU, TJ, TM
           RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
               DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
               CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
      CA 2366765
                            AA
                                   20000908
                                               CA 2000-2366765
                                                                        20000303
      EP 1158976
                            A2
                                   20011205
                                               EP 2000-917712
                                                                        20000303
             AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
          R:
               IE, SI, LT, LV, FI, RO
      JP 2002538109
                            T2
                                   20021112
                                               JP 2000-602057
                                                                       20000303
 PRAI US 1999-122953P
                            P
                                   19990305
      US 1999-169564P
                            Р
                                   19991208
      WO 2000-US5582
                            W
                                   20000303
 OS
      MARPAT 133:217720
 L7
      ANSWER 6 OF 19 USPATFULL on STN
 ΑN
        2004:227381 USPATFULL
 ΤI
        Methods and compositions that affect melanogenesis
 IN
        Orlow, Seth J., New York, NY, UNITED STATES
        Hall, Andrea, Astoria, NY, UNITED STATES
        Manga, Prashiela, New York, NY, UNITED STATES
 PA
        New York University (U.S. corporation)
 PΙ
        US 2004175767
                           A1
                                 20040909
 ΑI
        US 2004-758335
                            Α1
                                 20040115 (10)
 RLI
        Division of Ser. No. US 2001-827428, filed on 6 Apr 2001, PENDING
        Continuation-in-part of Ser. No. US 2000-599487, filed on 23 Jun 2000,
        ABANDONED
 PRAI
        US 1999-141563P
                             19990629 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 4168
INCL
        INCLM: 435/007.200
NCL
        NCLM: 435/007.200
TC
        [7]
        ICM: G01N033-53
        ICS: G01N033-567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 7 OF 19 USPATFULL on STN
AN
        2004:127451 USPATFULL
TI
       Novel nonsteroidal anti-inflammatory substances, compositions and
       methods for their use
IN
       Mercep, Mladen, Zagreb, CROATIA
       Mesic, Milan, Zagreb, CROATIA
       Tomaskovic, Linda, Zagreb, CROATIA
       Markovic, Stribor, Karlovac, CROATIA
       PLIVA Pharmaceutical Industry, Incorporated (non-U.S. corporation)
PA
PΙ
       US 2004097434
                          A1
                                 20040520
ΑI
       US 2003-615010
                           Α1
                                 20030707 (10)
PRAI
       US 2002-394671P
                            20020708 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 1784
INCL
       INCLM: 514/028.000
       INCLS: 536/007.400
NCL
       NCLM: 514/028.000
       NCLS: 536/007.400
TC
       [7]
       ICM: A61K031-7048
       ICS: C07H017-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 8 OF 19 USPATFULL on STN
L7
```

PΙ

WO 2000051589

2004:114720 USPATFULL

AN

A2

```
Biologically active macrolides, compositions, and uses thereof
  TT
  ΙN
         Boyd, Michael R, Mobile, AL, UNITED STATES
         Gustafson, Kirk R, Frederick, MD, UNITED STATES
         Cantrell, Charles L, Longmont, CO, UNITED STATES
 PΙ
         US 2004087566
                            A1
                                 20040506
 AΙ
         US 2003-333710
                            Α1
                                 20030611 (10)
        WO 2001-US23633
                                 20010724
 DT
        Utility
 FS
        APPLICATION
 LN.CNT 2732
 INCL
        INCLM: 514/183.000
        INCLS: 514/456.000; 540/456.000
 NCL
        NCLM: 514/183.000
        NCLS: 514/456.000; 540/456.000
 TC
        [7]
        ICM: C07D491-04
        ICS: A61K031-33
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
      ANSWER 9 OF 19 USPATFULL on STN
 ΑN
        2004:101742 USPATFULL
        Novel compounds, compositions as carriers for steroid/nonsteroid
 ΤI
        anti-inflammatory; antienoplastic and antiviral active molecules
 IN
        Mercep, Mladen, Zagreb, CROATIA
        Mesic, Milan, Zagreb, CROATIA
        Tomaskovic, Linda, Zagreb, CROATIA
        Markovic, Stribor, Karlovac, CROATIA
 PA
        Pliva dd, Zagreb, CROATIA (non-U.S. corporation)
 PΙ
        US 2004077612
                           Α1
                                20040422
 ΑI
        US 2003-616046
                           A1
                                20030708 (10)
 PRAI
        US 2002-395190P
                            20020708 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 2234
INCL
        INCLM: 514/175.000
        INCLS: 540/115.000
NCL
       NCLM: 514/175.000
       NCLS: 540/115.000
TC
        [7]
        ICM: A61K031-585
        ICS: C07J017-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 10 OF 19 USPATFULL on STN
L7
AN
       2004:50898 USPATFULL
TI
       Assay for melanogenesis
IN
       Orlow, Seth J., New York, NY, UNITED STATES
       Manga, Prashiela, Cincinnati, OH, UNITED STATES
       Staleva, Liliana, New York, NY, UNITED STATES
       New York University, New York, NY (U.S. corporation)
PA
PΙ
       US 2004038328
                          A1
                                20040226
ΑТ
       US 2003-435439
                          Α1
                                20030509 (10)
PRAI
       US 2002-379209P
                           20020509 (60)
       US 2002-412536P
                           20020920 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 1729
INCL
       INCLM: 435/029.000
NCL
       NCLM: 435/029.000
IC
       [7]
       ICM: C12Q001-02
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
    ANSWER 11 OF 19 USPATFULL on STN
       2004:41343 USPATFULL
      Apoptosis of naive human NK cells by crosslinking of their
      FcγRIIIa molecules with a rat IgG2b (LO-CD2a/BTI-322) or its IgG1
      humanized monoclonal antibody
      Bazin, Herve, Brussels, BELGIUM
      Latinne, Dominique, Brussels, BELGIUM
```

L7

ΑN

TI

IN

```
PA
        Universite Catholique de Louvain, Louvain-la-Neuve, BELGIUM (non-U.S.
        corporation)
 ΡI
        US 6692743
                            В1
                                  20040217
 ΑI
        US 1999-305128
                                  19990504 (9)
 PRAI
        US 1998-84885P
                             19980508 (60)
 DT
        Utility
 FS
        GRANTED
 LN.CNT 620
 INCL
        INCLM: 424/154.100
        INCLS: 424/130.100; 424/133.100; 424/141.100; 424/143.100; 424/144.100;
                424/153.100; 424/172.100; 424/173.100; 530/387.100; 530/387.300;
                530/388.100; 530/388.150; 530/388.200; 530/388.700; 530/388.730;
                530/388.750; 530/389.100; 530/389.600
 NCL
               424/154.100
        NCLS: 424/130.100; 424/133.100; 424/141.100; 424/143.100; 424/144.100;
               424/153.100; 424/172.100; 424/173.100; 530/387.100; 530/387.300;
                530/388.100; 530/388.150; 530/388.200; 530/388.700; 530/388.730;
               530/388.750; 530/389.100; 530/389.600
 IC
        [7]
        ICM: A61K039-395
        ICS: C07K016-28
 EXF
        424/130.1; 424/144.1; 424/145.1; 424/153.1; 424/158.1; 424/173.1;
        424/133.1; 424/141.1; 424/143.1; 424/154.1; 424/172.1; 530/387.1;
        530/387.3; 530/388.1; 530/388.15; 530/388.2; 530/388.7; 530/388.73;
        530/388.75; 530/389.1; 530/389.6
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
      ANSWER 12 OF 19 USPATFULL on STN
 AN
        2004:13427 USPATFULL
 ΤI
        Method for treating autoimmune or inflammatory diseases with
        combinations of inhibitory oligonucleotides and small molecule
        antagonists of immunostimulatory CpG nucleic acids
 IN
        Krieg, Arthur M., Wellesley, MA, UNITED STATES
        Coley Pharmaceutical Group, Inc., Wellesley, MA, UNITED STATES (U.S.
PA
        corporation)
PΙ
        US 2004009949
                            Α1
                                 20040115
ΑI
        US 2003-455247
                            Α1
                                 20030605 (10)
PRAI
        US 2002-386274P
                            20020605 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 2457
INCL
        INCLM: 514/044.000
NCL
        NCLM: 514/044.000
IC
        [7]
        ICM: A61K048-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 13 OF 19 USPATFULL on STN
L7
AN
        2003:318659 USPATFULL
ΤI
       Lethal toxin cytopathogenicity and novel approaches to anthrax treatment
IN
       Popov, Serguei G., Bristow, VA, UNITED STATES
       Carron, Edith Grene, Leonardtown, MD, UNITED STATES
       Cardwell, Jennifer, Manassas, VA, UNITED STATES Popova, Taissia, Bristow, VA, UNITED STATES
       Klotz, Frank, Manassas, VA, UNITED STATES
       Alibek, Ken, Bristow, VA, UNITED STATES
PΙ
       US 2003224403
                           Α1
                                20031204
ΑI
       US 2003-374514
                           A1
                                20030227 (10)
       US 2002-359690P
PRAI
                            20020227 (60)
       US 2002-367731P
                            20020328 (60)
       US 2002-384110P
                            20020531 (60)
       US 2002-390111P
                            20020621 (60)
       US 2002-429357P
                            20021127 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 2417
INCL
       INCLM: 435/006.000
NCL
       NCLM: 435/006.000
IC
       [7]
       ICM: C12Q001-68
```

```
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
  L7
       ANSWER 14 OF 19 USPATFULL on STN
  \Delta M
         2003:238695 USPATFULL
         Mucin peptide with immunoenhancing properties
  TT
  IN
         Lopez, Diana M., Miami, FL, UNITED STATES
         Herbert, Lynn M., Miami, FL, UNITED STATES
         Dorsey, Mantley, JR., Miami, FL, UNITED STATES
         Kraus, Gunter, Miami, FL, UNITED STATES
         Hnatyszyn, H. James, Miami, FL, UNITED STATES
  PΙ
         US 2003166853
                          A1
                                  20030904
  ΑI
         US 2002-113800
                            A1
                                  20020402 (10)
  PRAI
         US 2001-280137P
                            20010402 (60)
  DТ
         Utility
  FS
         APPLICATION
 LN.CNT 805
 INCL
         INCLM: 530/350.000
 NCL
        NCLM: 530/350.000
 IC
         [7]
         ICM: C07K001-00
        ICS: C07K014-00; C07K017-00
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 15 OF 19 USPATFULL on STN
 L7
 AN
        2002:280580 USPATFULL
        Inhibition of vacuolar proton ATPase activity and/or the modulation of
 TI
        acidic organelle function sensitizes cells to radiation, chemotherapy
        and biological agents
        Paglin, Shoshana, New York, NY, UNITED STATES
 IN
        Yahalom, Joachim, New York, NY, UNITED STATES
        Hollister, Timothy Carl, Chicago, IL, UNITED STATES
        Delohery, Thomas, Oakland, NJ, UNITED STATES
 PΙ
        US 2002156025
                           A1
                                20021024
 ΑI
        US 2001-6957
                           Α1
                                20011204 (10)
 PRAI
        US 2000-251153P
                            20001204 (60)
 DT
        Utility
 FS
        APPLICATION
 LN.CNT 1822
 INCL
        INCLM: 514/028.000
        INCLS: 600/001.000
NCL
       NCLM: 514/028.000
       NCLS: 600/001.000
TC
        [7]
       ICM: A61K031-7048
       ICS: A61N005-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 16 OF 19 USPATFULL on STN
AN
       2002:220986 USPATFULL
TI
       Compositions and methods for inducing specific cytolytic T cell
       responses
IN
       Vitiello, Maria Antonella, La Jolla, CA, UNITED STATES
       Maccario, Rita, Pavia, ITALY
       Montagna, Daniela, Bressana (Pavia), ITALY
PΙ
       US 2002119121
                          Α1
                               20020829
ΑI
       US 2001-948245
                               20010906 (9)
                          Α1
PRAI
       US 2000-233009P
                           20000915 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 2215
INCL
       INCLM: 424/085.200
       INCLS: 424/093.700; 435/372.000
NCL
      NCLM: 424/085.200
      NCLS: 424/093.700; 435/372.000
IC
       [7]
```

ICM: A61K045-00

L7

ICS: A61K038-20; C12N005-08 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 17 OF 19 USPATFULL On STN

```
ΑN
         2002:78425 USPATFULL
         METHODS AND AGENTS FOR MEASURING AND CONTROLLING MULTIDRUG RESISTANCE
  TI
         SIMON, SANFORD M., NEW YORK, NY, UNITED STATES
  IN
         SCHINDLER, MELVIN S., OKEMOS, MI, UNITED STATES
  PT
         US 2002042079
                            Α1
                                  20020411
  ΑI
         US 1998-80739
                                  19980518 (9)
                            A1
         Continuation-in-part of Ser. No. US 1995-535955, filed on 28 Sep 1995,
  RLI
         GRANTED, Pat. No. US 5616228 Continuation-in-part of Ser. No. US
         1995-379875, filed on 27 Jan 1995, ABANDONED Continuation of Ser. No. US
         1994-190336, filed on 1 Feb 1994, ABANDONED
  DT
         Utility
         APPLICATION
  FS
  LN.CNT 4874
         INCLM: 435/007.100
  INCL
         INCLS: 435/002.000; 435/004.000; 435/029.000; 435/007.800; 435/007.210;
                435/325.000; 435/366.000; 435/374.000; 436/163.000; 436/172.000
 NCL
        NCLM:
                435/007.100
                435/002.000; 435/004.000; 435/029.000; 435/007.800; 435/007.210;
        NCLS:
                435/325.000; 435/366.000; 435/374.000; 436/163.000; 436/172.000
 IC
         [7]
        ICM: A01N001-02
        ICS: C12Q001-00; G01N033-53; G01N033-567; G01N033-574; C12Q001-02;
        G01N031-16; G01N031-22; G01N021-76; C12N005-00; C12N005-02; C12N005-08
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
      ANSWER 18 OF 19 USPATFULL on STN
 AN
        2002:60938 USPATFULL
        Methods and compositions that affect melanogenesis
 TI
        Orlow, Seth J., New York, NY, UNITED STATES
 IN
        Hall, Andrea, New York, NY, UNITED STATES
        Manga, Prashiela, New York, NY, UNITED STATES
 ΡI
        US 2002034772
                           Α1
                                20020321
 AΙ
        US 2001-827428
                           A1
                                20010406 (9)
        Continuation-in-part of Ser. No. US 2000-599487, filed on 23 Jun 2000,
 RLI
        PENDING
 PRAI
        US 1999-141563P
                            19990629 (60)
 DT
        Utility
 FS
        APPLICATION
 LN.CNT 4216
 INCL
        INCLM: 435/007.210
        INCLS: 435/004.000; 435/024.000
 NCL
        NCLM: 435/007.210
        NCLS: 435/004.000; 435/024.000
        [7]
        ICM: G01N033-567
        ICS: C12Q001-37; C12Q001-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 19 OF 19 USPATFULL on STN
       96:72874 USPATFULL
       Method of treating glaucoma with oligonucleotides
       Stein, Cy A., New City, NY, United States
       Wax, Martin B., Chesterfield, MO, United States
       The Trustees of Columbia University in the City of New York, New York,
       NY, United States (U.S. corporation)
       Washington University, St. Louis, MO, United States (U.S. corporation)
       US 5545626
                               19960813
       US 1994-184223
                               19940119 (8)
       Utility
       Granted
LN.CNT 1294
INCL
       INCLM: 514/044.000
       INCLS: 514/913.000
       NCLM: 514/044.000
NCL
       NCLS: 514/913.000
       [6]
       ICM: A61K031-735
EXF
       514/44; 514/913
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

IC

L7

AN

ΤI

IN

PA

PΙ

ΑI

DT FS

IC

=> FIL STNGUIDE COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

TOTAL

ENTRY 23.12

SESSION 43.79

FILE 'STNGUIDE' ENTERED AT 14:50:22 ON 23 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION. LAST RELOADED: Nov 19, 2004 (20041119/UP).

=>